

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6717026").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/31 08:30
S3	32	((("6227126") or ("5640702") or ("5461991") or ("5452671") or ("5000101") or ("4787320") or ("4666696") or ("4552667") or ("5925165") or ("4770109") or ("5143000") or ("5711017") or ("6069290") or ("6227126") or ("5640702") or ("4286985") or ("6036745") or ("4598899") or ("4930986") or ("5143357") or ("6074455") or ("5167919") or ("5271341") or ("4681599") or ("5301620") or ("5436210") or ("5545390") or ("5555822") or ("5571486") or ("5613245") or ("5745861") or ("5809911") or ("6195382") or ("6600768"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 16:37
S4	0	wo-199325278-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/05/31 08:35
S5	3	"9325278"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/05/31 08:35
S6	16	("20030021328"   "4666696"   "4681599"   "5000101"   "5167919"   "5271341"   "5301620"   "5436210"   "5545390"   "5555822"   "5571486"   "5613245"   "5640702"   "5745861"   "5809911"   "6195382").PN. OR ("6717026").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/31 09:13
S7	8485	molten adj1 metal same (reactor system chamber)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:48
S8	2	molten adj1 metal adj1 reactant same (reactor system chamber)	US-PGPUB; USPAT	OR	ON	2007/05/31 10:49
S9	7065	(molten adj1 metal).ab.	US-PGPUB; USPAT	OR	ON	2007/05/31 10:48
S10	4744	S9 and (reactor system chamber)	US-PGPUB; USPAT	OR	ON	2007/06/04 09:30

## EAST Search History

S11	647	(molten adj1 metal same (reactor system)).ab.	US-PGPUB; USPAT	OR	ON	2007/05/31 10:49
S13	1	S11 and 422/159.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:27
S15	168	S11 and ("266" or "588").clas.	US-PGPUB; USPAT	OR	ON	2007/05/31 10:51
S16	136	S15 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/05/31 11:16
S17	697	molten adj1 metal same waste	US-PGPUB; USPAT	OR	ON	2007/06/05 08:35
S18	557	S17 and (reactor system)	US-PGPUB; USPAT	OR	ON	2007/05/31 11:15
S19	22	molten adj1 metal same waste same reactant	US-PGPUB; USPAT	OR	ON	2007/06/04 15:32
S20	15	S19 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/05/31 11:21
S21	92	gravity adj1 trap	US-PGPUB; USPAT	OR	ON	2007/05/31 11:22
S22	69	S21 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/05/31 11:24
S23	587	(gravity air) adj1 trap same (chamber pipe tube)	US-PGPUB; USPAT	OR	ON	2007/05/31 11:24
S24	4	S23 and molten adj1 metal	US-PGPUB; USPAT	OR	ON	2007/05/31 11:24
S25	1	S24 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 06:59
S26	377	S23 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 15:34
S28	1	"4286985".pn.	US-PGPUB; USPAT	ADJ	ON	2007/06/04 09:28
S29	7065	(molten adj1 metal).ab.	US-PGPUB; USPAT	OR	ON	2007/06/04 09:45
S30	2843	S29 and (reactor chamber)	US-PGPUB; USPAT	OR	ON	2007/06/04 09:30
S31	2332	S30 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 09:45
S32	1332	S31 and (inlet outlet)	US-PGPUB; USPAT	OR	ON	2007/06/04 09:45
S33	89	((molten adj1 metal) near (inlet or outlet)).ab.	US-PGPUB; USPAT	OR	ON	2007/06/04 15:37
S34	70	S33 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 10:46

## EAST Search History

S35	13	("4552667"   "4666696"   "4770109"   "4787320"   "5000101"   "5143000"   "5452671"   "5461991"   "5711017"   "5925165"   "6069290").PN. OR ("6227126").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/04 10:46
S36	11	S35 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 10:46
S37	5403	molten adj1 metal same (waste treat\$7 impurity)	US-PGPUB; USPAT	OR	ON	2007/06/04 15:33
S38	17	S37 and (outlet inlet)	US-PGPUB; USPAT	ADJ	ON	2007/06/04 15:33
S39	14	S38 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 16:25
S40	548	((molten adj1 metal) near (inlet or outlet)).ab.	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:42
S41	50	S40 and (waste or treatment or impurity)	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:39
S44	34	S41 and @ad<"20010227"	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:43
S45	365	((molten adj1 metal) near (reactor treatment)).ab.	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:43
S46	415	((molten adj1 metal) same reactor).ab.	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:43
S47	70	S46 and (inlet outlet)	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:43
S48	56	S47 and @ad<"20010227"	USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/04 15:44

## EAST Search History

S49	118	("0049051"   "0331267"   "0876437"   "0895939"   "2002010"   "2862810"   "2923615"   "2962277"   "3295960"   "3486882"   "3490897"   "3542352"   "3632335"   "3634065"   "3839019"   "3985549"   "4024056"   "4062657"   "4085923"   "4175731"   "4235627"   "4265432"   "4291634"   "4373705"   "4401466"   "4406666"   "4457777"   "4540432"   "4574714"   "4602574"   "4627601"   "4645186"   "4790516"   "4798532"   "5000101"   "5004495"   "5015288"   "5143355"   "5191154"   "5192487"   "5194081").PN. OR ("5301620"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/04 16:23
S50	383	222/591.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:25
S51	0	S50 and ((molten adj3 metal) same reactor)	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:24
S52	1	S50 and ((molten adj3 metal) and reactor)	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:24
S53	239	S50 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 16:28
S54	352	422/159.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:27
S55	7	S54 and (Molten adj3 metal) and reactor	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:30
S56	8	S54 and (Molten adj3 metal)	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:28
S57	8	S56 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 16:31
S58	138	S54 and waste	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:30
S59	125	S58 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 16:40
S60	1519	(110/346,247,250,237).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/04 16:39
S61	230	(588/1,314).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/04 16:38
S64	1718	S60 or S61	US-PGPUB; USPAT	ADJ	ON	2007/06/05 06:58
S65	1039	S64 and apparatus	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:40

## EAST Search History

S66	294	S65 and reactor	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:40
S67	72	S66 and (molten adj3 metal)	US-PGPUB; USPAT	ADJ	ON	2007/06/04 16:40
S68	59	S67 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/04 16:40
S69	1519	(110/346,247,250,237).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/05 06:58
S70	230	(588/1,314).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/05 06:58
S71	1718	S69 or S70	US-PGPUB; USPAT	ADJ	ON	2007/06/05 06:58
S72	0	S71 and shape\$ adj2 (chamber pipe trap)	US-PGPUB; USPAT	ADJ	ON	2007/06/05 06:59
S73	627	S71 and shape\$	US-PGPUB; USPAT	ADJ	ON	2007/06/05 06:59
S74	10	S73 and (Chamber pipe)	US-PGPUB; USPAT	ADJ	ON	2007/06/05 06:59
S75	8	S74 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 07:02
S76	1055	air adj1 trap	US-PGPUB; USPAT	OR	ON	2007/06/05 07:01
S77	40	S76 and reactor	US-PGPUB; USPAT	OR	ON	2007/06/05 07:01
S78	23	S77 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 07:05
S79	13	(U V) adj1 shape\$1 same gravity adj3 trap	US-PGPUB; USPAT	OR	ON	2007/06/05 07:05
S80	10	S79 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 07:13
S81	290	gravity adj3 trap	US-PGPUB; USPAT	OR	ON	2007/06/05 07:13
S82	27	S81 and reactor	US-PGPUB; USPAT	OR	ON	2007/06/05 07:13
S83	19	S82 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 07:22
S84	122	pipe same (u adj1 shape\$) same (prevent\$ adj5 (air gas))	US-PGPUB; USPAT	OR	ON	2007/06/05 07:22
S85	7	S84 and reactor	US-PGPUB; USPAT	OR	ON	2007/06/05 07:22
S86	5	S85 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 08:36
S87	697	molten adj1 metal same waste	US-PGPUB; USPAT	OR	ON	2007/06/05 08:36

## EAST Search History

S88	388	S87 and (impeller stir\$5 rotat\$3 motor)	US-PGPUB; USPAT	OR	ON	2007/06/05 08:42
S89	56	S71 and S88	US-PGPUB; USPAT	OR	ON	2007/06/05 08:42
S90	48	S89 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 08:43
S91	242	S87 and (impeller stir\$5 motor)	US-PGPUB; USPAT	OR	ON	2007/06/05 08:42
S92	26	S71 and S91	US-PGPUB; USPAT	OR	ON	2007/06/05 08:42
S93	23	S92 and @ad<"20010227"	US-PGPUB; USPAT	OR	ON	2007/06/05 08:43